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# THE UNITED STATES OF AMERICA

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*April 26, 2005*

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**APPLICATION NUMBER: 60/556,112**

**FILING DATE: *March 24, 2004***

**RELATED PCT APPLICATION NUMBER: *PCT/US05/07363***



Certified by

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22783 U.S. PTO  
032404

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**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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PTO/SB/16 (01-04)  
22856 U.S. PTO  
60/556112

032404

INVENTOR(S)					
Given Name (first and middle [if any])		Family Name or Surname		Residence (City and either State or Foreign Country)	
James L.		Harris		Suwanee, GA	
Additional inventors are being named on the _____ separately numbered sheets attached hereto					
TITLE OF THE INVENTION (500 characters max)					
Direct all correspondence to: CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number: _____					
OR					
<input checked="" type="checkbox"/> Firm or Individual Name		James L. Harris			
Address		1000 Peachtree Industrial Blvd.			
Address		#6233			
City		Suwanee		State	GA
Country				Zip	30024
		Telephone		Fax	
ENCLOSED APPLICATION PARTS (check all that apply)					
<input type="checkbox"/> Specification Number of Pages _____		<input type="checkbox"/> CD(s), Number _____			
<input checked="" type="checkbox"/> Drawing(s) Number of Sheets <u>2</u>		<input checked="" type="checkbox"/> Other (specify) <u>Description sheet</u>			
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76					
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.				FILING FEE Amount (\$)	
<input checked="" type="checkbox"/> A check or money order is enclosed to cover the filing fees.				<div style="border: 1px solid black; padding: 5px; text-align: center;">\$80.00</div>	
<input type="checkbox"/> The Director is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number: _____					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.					
<input checked="" type="checkbox"/> No.					
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____					

[Page 1 of 2]

Respectfully submitted,

SIGNATURE

*James L. Harris*

TYPED or PRINTED NAME

James L. Harris

TELEPHONE

(212) 816-6734

Date

3/24/04

REGISTRATION NO.

(if appropriate)

Docket Number:

**USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Provisional Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**JAMES L. HARRIS**  
**1000 Peachtree Industrial Blvd.,**  
**Suite 6-233**  
**Suwanee, GA 30024**

March 24, 2004

Box Provisional Application  
Assistant Commissioner For Patents  
Washington, DC 20231

**RE: Provisional Application / Computer Pad**

Dear Sir, Madam:

Please find a completed Provisional Application For Patent regarding an item I invented. This new Provisional Application is being filed as a result of an improvement which was added to the invention since the previous Provisional Application. I have enclosed the completed form, a description of the invention along with a rough sketch, a check in the amount of \$80.00 payable to the Commissioner of Patents and Trademarks, and a self-addressed stamped post card with a request for acknowledgment of receipt of the provisional application.

Should you have any questions, please feel free to contact me in my new York office at (212) 816-6734 or in Atlanta, Georgia at (678) 984-6331.

Sincerely,

A handwritten signature in black ink, appearing to read "James L. Harris", written in a cursive style.

James L. Harris

Encl.

## **Computer Pad Description of Invention**

Be it known that I, James L. Harris of Suwanee Georgia, have invented a Computer Pad which is a product designed to permit laptop computer users to rest their laptop computers on their laps while in use without experiencing discomfort from heat generated from the computers and discomfort from the weight of the computer. The Computer Pad is also useful for users of desk top computers and for users of laptops who use their computers at a desk or table in that the Computer Pad protects the desk or table from heat and scratches as well as provide other benefits. Warm air from the laptop is retarded by the three layer surface of the Computer Pad. The warm air dissipates or passes from the sides underneath the laptop.

The Computer Pad is a flat pad made up of rubber, neoprene, foam, plastic or some semi soft open or closed cell material that is in ideal dimensions of approximate 10 – 12 inches wide, 12 – 18 inches long, and thickness/depth of approximately  $\frac{1}{4}$  inch – 2 inches. The top surface may be of one or more textures including but not limited to smooth, coarse, ribbed or grooved, and will be made of fabric, cloth, leather, vinyl, gel-filled material or plastic. The top surface of the Computer Pad may also contain one or more rubber, polyurethane or similar strips placed on the Computer Pad which are designed to prevent slippage of the laptop. These non-slip strips will be raised approximately  $\frac{1}{8}$  to  $\frac{1}{4}$  inch to provide air flow underneath the laptop. This non-slip material may be in a number of configurations and may vary in size and color. The top surface of the Computer Pad may contain Velcro or other attachment options to permit a laptop computer to be attached to the Pad. The Computer Pad is light weight and resilient but firm, and easily fits into a computer case or brief case.

The middle portion of the Computer Pad may be made of a closed cell material such as neoprene, rubber, plastic or similar material. The middle portion may include a layer of heat retardant/resistant material on its surface or in between the top surface and bottom surface of the pad. Whether or not the heat retardant material is used, the Computer Pad prevents the heat generated by the computer from being transferred from the machine to the user or the desk, table, floor or other surface on which the laptop computers rest.

The Computer Pad's bottom surface may be made of a variety of materials including but not limited to rubber, foam, plastic, neoprene or neoprene type or any number of gel-filled substances or materials. The bottom layer of the Computer Pad may be ergonomically designed and made of a soft gel-like material or fabric covered rubber, neoprene or neoprene type material to rest comfortably on a person's knee or lap, and to prevent the laptop from slipping while in use and to ease the weight of the laptop on the user. In the ideal design, the top and bottom surfaces may be glued or pinched-rolled to the middle layer.

An optional variation of the Computer Pad may also have anti-static properties. It may have either a layer of anti-static treated material between its top and bottom surfaces or its top and/or bottom surfaces may be made with anti-static treated material. The anti-static property is designed to prevent or retard static and to help protect the user of the computer or laptop from static charges. Whether or not the anti-static material is used, the Computer Pad will still serve as a buffer and retard the static emitting from the laptops from being transferred to the user's lap.

The Computer Pad is simple to use. The user can simply remove the Computer Pad from his computer case and place it on his lap or knee. The user may then place the laptop onto the Computer Pad, and begin use.

The Computer Pad may be offered in a variety of colors. It may also feature various affinity labels and printings. For example, it may include, subject to trademark and other considerations, names and logos of one or more corporations, colleges and universities, sports teams and the like. As noted previously, the Computer Pad may be made of a variety of materials including rubber, foam, plastic or similar material. The Computer Pad may also have a variety of finishes such as cloth, velvet, leather and other fabrics.

The Computer Pad may include an optional attachment which can be clipped on or attached to the top end of the Computer Pad which will help brace the laptop and prevent slippage while in use.

Another optional version of the Computer Pad will include all the features mentioned earlier, but will be extended lengthwise by one (1) to three (3) inches on one or both sides to permit the placement and use of a computer mouse. The length extension will be perforated or creased in a manner allowing it to be folded over as a flap for easy storage in a laptop case or brief case. A variation of the flap extension is to have the flap extension on both sides of the Computer Pad, and to use the flap extension located on the right to accommodate the computer mouse as mentioned above and the flap extension located on the left to hold a pencil, pen, calculator or other item as determined by the computer user.

I am currently preparing a full Patent Application for this invention, and I am hereby filing this Provisional Patent Application in the interim.

Inventor: James L. Harris

## **Preliminary Drawing of The Computer Pad Cont'd.**

### **Label to Drawing**

(A) **Top Surface**

May be of one or more textures including but not limited to smooth, coarse, ribbed or grooved and will be made of fabric, cloth, leather, vinyl, gel-filled material or plastic.

(B) **Non-Slip Strips**

The top surface of The Computer Pad may contain one or more rubber, polyurethane or similar strips placed on the Pad which are designed to prevent slippage of the laptop. The non-slip strips will be raised approximately  $\frac{1}{8}$  to  $\frac{1}{4}$  inch to provide air flow underneath the laptop.

(C) **Middle Surface**

The middle portion of the Computer Pad may be made of a closed cell material such as neoprene, rubber, foam, plastic or similar material.

(D) **Bottom Surface**

The bottom surface may be made of a variety of materials including rubber, foam, plastic, neoprene or neoprene type or gel-filled substance or similar materials.

(E) **Right Flap Extension**

The optional right flap extension is designed to accommodate the use of a computer mouse, and will be able to be folded for easy storage in a laptop case or brief case.

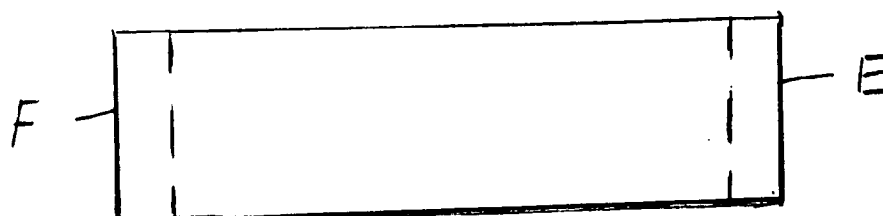
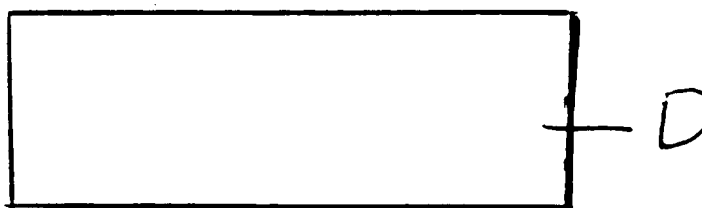
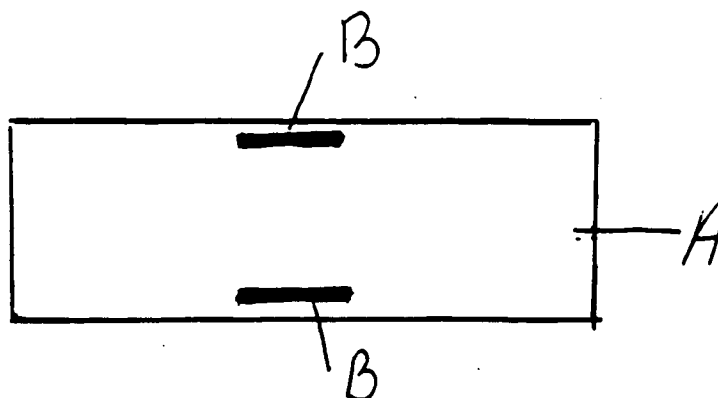
(F) **Left Flap Extension**

The optional left flap extension is designed to accommodate a pencil, pen, calculator or item as determined by the computer user, and will be able to be folded for easy storage in a laptop case or brief case.

3/24/04  
James L. Harris

Preliminary Drawing of The Computer Pad  
(In Re: Provisional Patent Application)

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Please refer to labels attached

3/24/04  
James L. Harris